MULTI-DIMENSIONAL INFORMATION

CENTER

The Center for the Representation of Multi-Dimensional Information (CROMDI) was established to commercialize audio-visualization technology (IntuInfo) that facilitates the rapid and accurate analysis of large quantities of quickly changing data. CROMDI is an interdisciplinary team dedicated to the innovative representation of information, comprised of experts in the fields of Architecture, Computer Science, Anesthesia, BioEngineering, Finance, Mathematics, Psychology, Communication and Music. These diverse experts participate with their own unique perspectives and provide solutions to complex information design needs through a unique methodology and iterative process.

TECHNOLOGY

By visually displaying multiple variables using various objects and colors, a wide range of information is clearly presented. The association between the graphical objects and the data is designed to facilitate rapid understanding of large quantities of data. To be "state of the art" in many fields is to represent information with tables of numbers, waveforms, pie charts, diagrams, icons and matrices. IntuInfo enables recognition of events that is significantly faster, more accurate, less mentally demanding and with less training than is possible using existing technologies. This patent pending technology has been applied in medicine, finance, and entertainment, and may also be successfully utilized in other applications where decision making depends on monitoring or analyzing large quantities of information.

UNIVERSITY OF UTAH

Can you imagine…..

A new audio-visualization technology that facilitates the rapid and accurate analysis of large quantities of quickly changing data, such as stock market information?

ACCOMPLISHMENTS

Filed 5 patent extensions: 3 for medicine, 1 for finance and 1 for inertia; 3 additional medical display technology modules and enhancements; sponsored research by GE Medical Systems with an option to license financial display prototype. Market and sponsored research and licensing discussions with potential partner.

Contact Information

Director: Stefano Foresti
University of Utah
155 South 1452 East, #405
Salt Lake City, UT 84112
801-581-3176
stefano@chpc.utah.edu